

IN THE CLAIMS

Cancel Claims 1 - 32.

33. (Currently amended) A rapidly disintegrating oral controlled release pharmaceutical composition comprising at least one active ingredient, and a polymer system comprising of at least two polymers wherein at least one polymer ~~one~~ is an acid insoluble methacrylic polymer and the other is a bioadhesive polycarbophil polymer, which retard the release of the active ingredient in the stomach while providing rapid release of the active ingredient in the pH above 5.5, optionally with other pharmaceutically acceptable excipients.

34. (Cancel)

35. (Previously presented) The composition according to claim 33, wherein said active ingredient is amoxicillin trihydrate.

36. (Currently amended) The composition according to claim 33, which comprises at least two active ingredients selected from the group consisting of amoxicillin, ampicillin, cloxacillin, and clavulanic acid ~~and cephalosporins~~, or pharmaceutically acceptable salts or derivatives thereof.

37. (Currently amended) The composition according to claim 33, wherein the polymer system comprises polymers selected from the group consisting of polyvinyl pyrrolidone, polyvinyl acetate, methacrylic acid polymers, acrylic acid polymers, hydroxypropyl methylcellulose phthalate, ~~hydroxypropyl methylcellulose acetate succinate~~, cellulose acetate

phthalate, ~~cellulose acetate butyrate, cellulose acetate propionate, alginates,~~ cellulose derivative, polyethylene oxide, ~~chitosans,~~ and polycarbophil, or a mixture thereof.

38. (Currently amended) The composition according to claim 33, wherein the acid insoluble polymer is selected from the group consisting of methacrylic acid polymers, acrylic acid polymers, hydroxypropyl methylcellulose phthalate, ~~hydroxypropyl methylcellulose acetate succinate, cellulose acetate phthalate, cellulose acetate butyrate, cellulose acetate propionate,~~ and alginates, or a mixture thereof.

Claims 39 to 46 (Cancel)

47. (Currently amended) The composition according to claim 33 ~~claim 40~~, wherein the ratio of methacrylic acid polymer and polycarbophil is 10:1 to 1:10 by weight of the composition.

48. (Withdrawn) A process for preparation of a composition according to claim 33, which comprises the step of:

- i) mixing of active ingredient(s) and polymer(s),
- ii) optionally adding one or more other pharmaceutically acceptable excipients, and
- iii) formulation of the mixture into a suitable dosage form.

49. (Withdrawn) The process according to claim 48, wherein said active ingredient is amoxicillin trihydrate.

50. (Withdrawn-Currently amended) The process according to claim 48 ~~claim 16~~,

which comprises at least two active ingredients selected from the group consisting of amoxicillin, ampicillin, cloxacillin, and clavulonic acid, ~~and cephalosporins~~, or pharmaceutically acceptable salts or derivatives thereof.

51. (Cancel)

52. (Cancel)

53. (New) A rapidly disintegrating oral controlled release pharmaceutical composition comprising at least one active ingredient, and a polymer system comprising of at least two polymers wherein at least one polymer is an acid insoluble polymer and the other is a bioadhesive polymer, wherein the composition comprises at least one of methacrylic acid polymer or polycarbophil which retard the release of the active ingredient in the stomach while providing rapid release of the active ingredient in the pH above 5.5, optionally with other pharmaceutically acceptable excipients.